AUG 1 3 2004 35

2004 55		U.S. Paten	t and Trade	PTO/SB/21 (02-04) proved for use through 07/31/2006. OMB 0651-0031 emark Office; U.S. DEPARTMENT OF COMMERCE	
Ander the Paperwork Reduction Act of 1995.	no persons	are required to respond to a collection Application Number	n of informa	ation unless it displays a valid OMB control number.	
TRANSMITTAL	Filing Date 11-07-2002				
FORM		First Named Inventor	Lancaster	2	
		Art Unit	3754		
(to be used for all correspondence after initial filing)		Examiner Name	John Basti	ianelli	
Total Number of Pages in This Submission	13	Attorney Docket Number	23900-000	00	
	ENCL	OSURES (Check all that	apply)		
Fee Transmittal Form Fee Attached Amendment/Reply After Final Affidavits/declaration(s) Extension of Time Request Express Abandonment Request Information Disclosure Statement Certified Copy of Priority Document(s) Response to Missing Parts/ Incomplete Application Response to Missing Parts under 37 CFR 1.52 or 1.53		Drawing(s) Licensing-related Papers Petition Petition to Convert to a Provisional Application Power of Attorney, Revocation Change of Correspondence Addre Ferminal Disclaimer Request for Refund CD, Number of CD(s) ks If Attorney and Correspondence Addre ant under 37 CFR 3.73(b)		After Allowance communication to Technology Center (TC) Appeal Communication to Board of Appeals and Interferences Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) Proprietary Information Status Letter Other Enclosure(s) (please Identify below): AUG 1 8 2004	
				TECHNOLOGY CENTER R3700	
SIGNA	TURE O	F APPLICANT, ATTORN	EY, OR	AGENT	
Firm or Individual name Signature Date Charles A. Crehore, Reg. Individual name August 1, 2004					
CI	RTIFIC	ATE OF TRANSMISSION	/MAILIN	NG .	
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.					
Typed or printed name Charles A. Crehor	е	~ ^	`		
Signature	10	of Grat	1021	Date August 1, 2004	

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/17 (10-03)

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	1	for	FY	200	4	

Effective 10/01/2003. Patent fees are subject to annual revision.

 $\overline{\mathsf{X}}$ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

Co	mplete if Known		1
Application Number	10/065,667	DEs	
Filing Date	11-07-2002	RECEIVI	FU
First Named Inventor	Lancaster		
Examiner Name	Bastianelli	AUG 1 8 200	4
Art Unit	3754	TECHNOLOGY CENTER	Doze
Attorney Docket No.	23900-0000	THE OF THE PERSON OF THE PERSO	H3/U

METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)					
Check Credit card Money Other None		3. ADDITIONAL FEES				
		Large Entity Small Entity				
Deposit Account.	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Err Dald
Account 50-1884	1051	130	2051		Surcharge - late filing fee or oath	Fee Paid
Number Deposit Ulmer & Berne LLP	1052	50	2052	25	Surcharge - late provisional filing fee or	
Account Name	1032	30	2002		cover sheet	
The Director is authorized to: (check all that apply)	1053	130	1053		Non-English specification	
X Charge fee(s) indicated below Credit any overpayments	1812	•	1812	-,	For filing a request for ex parte reexamination	
X Charge any additional fee(s) or any underpayment of fee(s)	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
Charge fee(s) indicated below, except for the filing fee	1805	1,840*	1805	1,840*	Requesting publication of SIR after	
to the above-identified deposit account.					Examiner action	
FEE CALCULATION	1251	110	2251	55	Extension for reply within first month	
1. BASIC FILING FEE	1252	420	2252	210	Extension for reply within second month	475
Large Entity Small Entity	1253	950	2253	475	Extension for reply within third month	475
Fee Fee Fee Fee <u>Fee Description</u> Fee Paid Code (\$) Code (\$)	1254	1,480	2254	740	Extension for reply within fourth month	
1001 770 2001 385 Utility filing fee	1255	2,010	2255	1,005	Extension for reply within fifth month	
1002 340 2002 170 Design filing fee	1401	330	2401	165	Notice of Appeal	
1003 530 2003 265 Plant filing fee	1402	330	2402	165	Filing a brief in support of an appeal	
1004 770 2004 385 Reissue filing fee	1403	290	2403	145	Request for oral hearing	
1005 160 2005 80 Provisional filing fee	1451	1,510	1451	1,510	Petition to institute a public use proceeding	
SUBTOTAL (1) (\$) 0	1452	110	2452	55	Petition to revive - unavoidable	
	1453	1,330	2453	665	Petition to revive - unintentional	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1501	1,330	2501	665	Utility issue fee (or reissue)	
Extra Claims below Fee Paid	1502	480	2502	240	Design issue fee	
Total Claims 20** = X = I	1503	640	2503	320	Plant issue fee	
	1460	130	1460	130	Petitions to the Commissioner	
Multiple Dependent =	1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
Large Entity Small Entity	1806	180	1806		Submission of Information Disclosure Stmt	
Fee Fee Fee <u>Fee Description</u> Code (\$)	8021	40	8021	ı 40	Recording each patent assignment per property (times number of properties)	
1202 18 2202 9 Claims in excess of 20	1809	770	2809	385	Filing a submission after final rejection	
1201 86 2201 43 Independent claims in excess of 3					(37 ČFR 1.129(a))	i
1203 290 2203 145 Multiple dependent claim, if not paid	1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))	
1204 86 2204 43 ** Reissue independent daims over original patent	1801	770	2801	385	Request for Continued Examination (RCE)	
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	1802	900	1802	900	Request for expedited examination of a design application	
SUBTOTAL (2) (\$) 0	Other fee (specify)				الجيل	
**or number previously paid, if greater; For Reissues, see above	*Redu	ced by	Basic I	Filing F	ee Paid SUBTOTAL (3) (\$)	175

(Complete (if applicable)) SUBMITTED BY Registration No. Name (Print/Type) Telephone 216-931-6000 Charles Crehore 2004 August Date Signature

> WARNING: information on this form may become public. Credit card information should not be included on this form. Provide credit card Information and authorization on PTO-2038.

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